SQL Server 2008 Express Install Instruction for IDAttend

Important Note

If updating your IDAttend Server that has SQL Server on it and you are using and Express version, then it is more than likely that the database files are on the C Drive of the server. Please copy all of the IDAttendxxxx.MDF and IDAttendxxxx.LDF files to a safe location before formatting or decommissioning the server.
You may need to stop the SQL Server Service to do this.

In IDAttend under Tools/Data Locations the existing location on the server of the current database is shown in blue.

IDAttend Installation

The IDAttend CD needs to be copied to an “IDAttend” folder on a server that all users can access. QLD MOE schools this is normally installed on a Member Server on the network.

The folder must be shared (share may happen automatically if folder is under some shared “apps” folder.

Permissions must be set to allow all school staff **Change** rights to the folder.

QLD schools may need to use the QED Zero Touch application to create/setup permissions etc.

Copy all folders on the IDAttend CD to this folder.

Download the latest IDAttend update from

http://www.idattend.com.au/support/idattend-download

Extract the update .zip file to the IDAttend\System folder on the server.

Overwrite any existing files.

Install SQL Server as per the instructions below.

Workstation Setup

From a workstation login run the IDAttendRuntime.exe file

(\\server\IDAttend\Workstation Runtime) and let install. Local Admin rights may be required for this to install.

Create a shortcut to \\Server\IDAttend\System\IDAttend.exe

Copy shortcut to the desktop.

Note: The IDAttend runtime install does not install any shortcut to IDAttend.exe on the server.

IDAttend is now ready to be used on the workstation.

IDAttend SQL Server Express 2008 Setup

SQL Server 2008 Express is the freeware version of SQL Server. It has a number of limitations and while it is better than using an Access database for IDAttend it is not a real substitute for the full version of SQL Server.

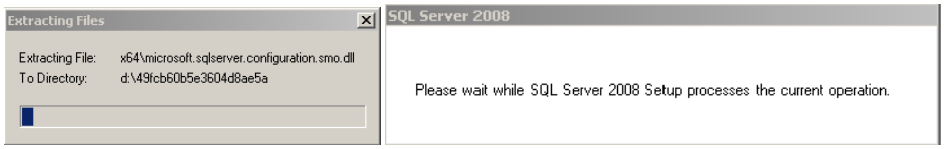
To install SQL Server Express you must be logged onto the server where SQL Server is to be installed with full administrator rights. In QLD schools this will be an Orange Card login on the Member Server (normally). If installing on a DC in a QLD school the MOE Sys Tech will need to be logged in.

Please follow these instructions exactly. You may not get a second chance...

You must first run SQLEXPR.EXE from the SQL SERVER 2008 EXPRESS folder on IDAttend CD or the IDAttend folder on the server.

Once the install program is launched it will extract files needed for installation.

Note: The installer may disappear for up to a minute at serveral stages during the install.

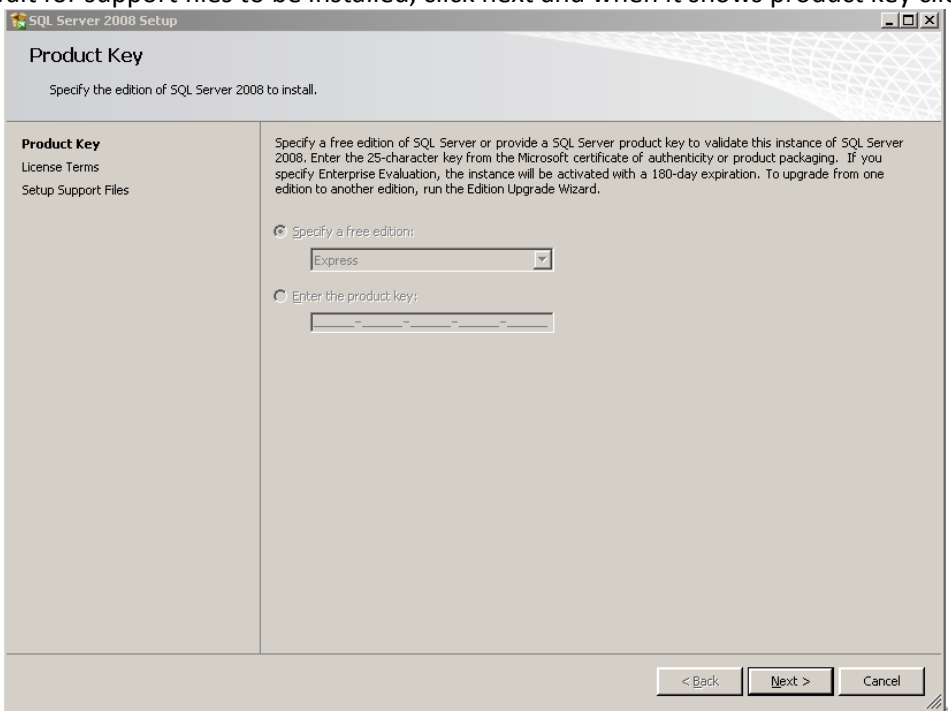

Extracting Files
Extracting File: x64\microsoft.sqlserver.configuration.smo.dll
To Directory: d:\49fcb60b5e3604d8ae5a
SQL Server 2008
Please wait while SQL Server 2008 Setup processes the current operation.

On the installation center screen choose “Installation” from left hand menu

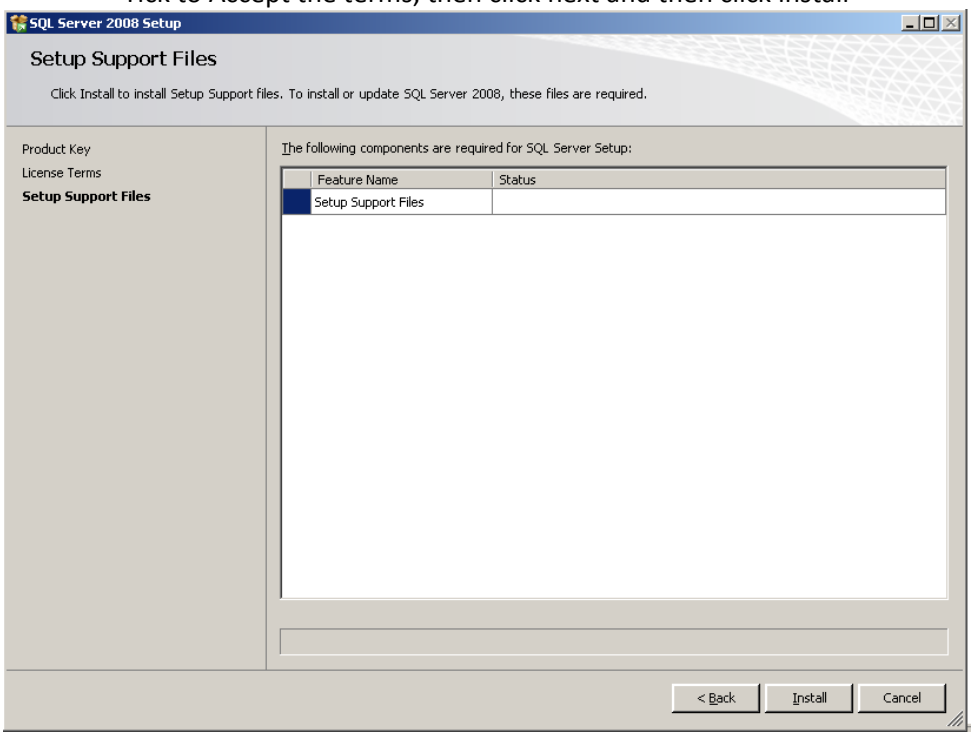
Then choose new SQL server stand alone Installation

SQL Server Installation Center
Planning
Installation
Maintenance
Tools
Resources
Advanced
Options
New SQL Server stand-alone installation or add features to an existing installation
Launch a wizard to install SQL Server 2008 in a non-clustered environment or to add features to an existing SQL Server 2008 instance.
New SQL Server failover cluster installation
Launch a wizard to install a single-node SQL Server 2008 failover cluster.
Add node to a SQL Server failover cluster
Launch a wizard to add a node to an existing SQL Server 2008 failover cluster.
Upgrade from SQL Server 2000 or SQL Server 2005
Launch a wizard to upgrade SQL Server 2000 or SQL Server 2005 to SQL Server 2008. Before you upgrade, you should run the Upgrade Advisor to detect potential problems.
Search for product updates
Search Microsoft Update for SQL Server 2008 product updates.
Microsoft SQL Server 2008

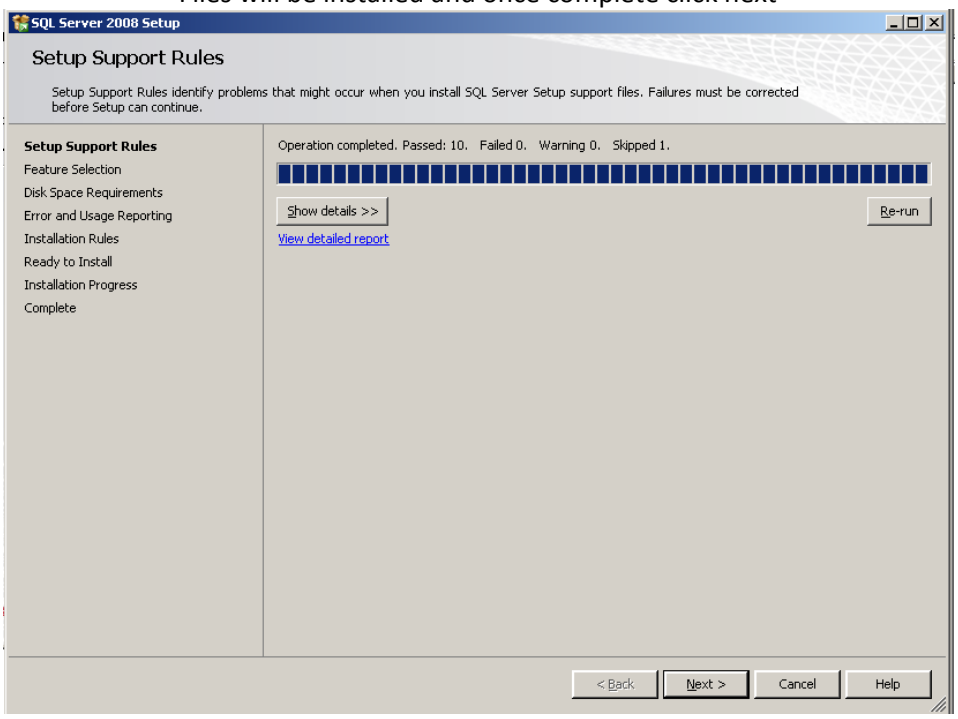
Then wait for support files to be installed, click next and when it shows product key click next


SQL Server 2008 Setup
Product Key
Specify the edition of SQL Server 2008 to install.
Product Key
License Terms
Setup Support Files
Specify a free edition of SQL Server or provide a SQL Server product key to validate this instance of SQL Server 2008. Enter the 25-character key from the Microsoft certificate of authenticity or product packaging. If you specify Enterprise Evaluation, the instance will be activated with a 180-day expiration. To upgrade from one edition to another edition, run the Edition Upgrade Wizard.
Specify a free edition:
Express
Enter the product key:
< Back
Next >
Cancel

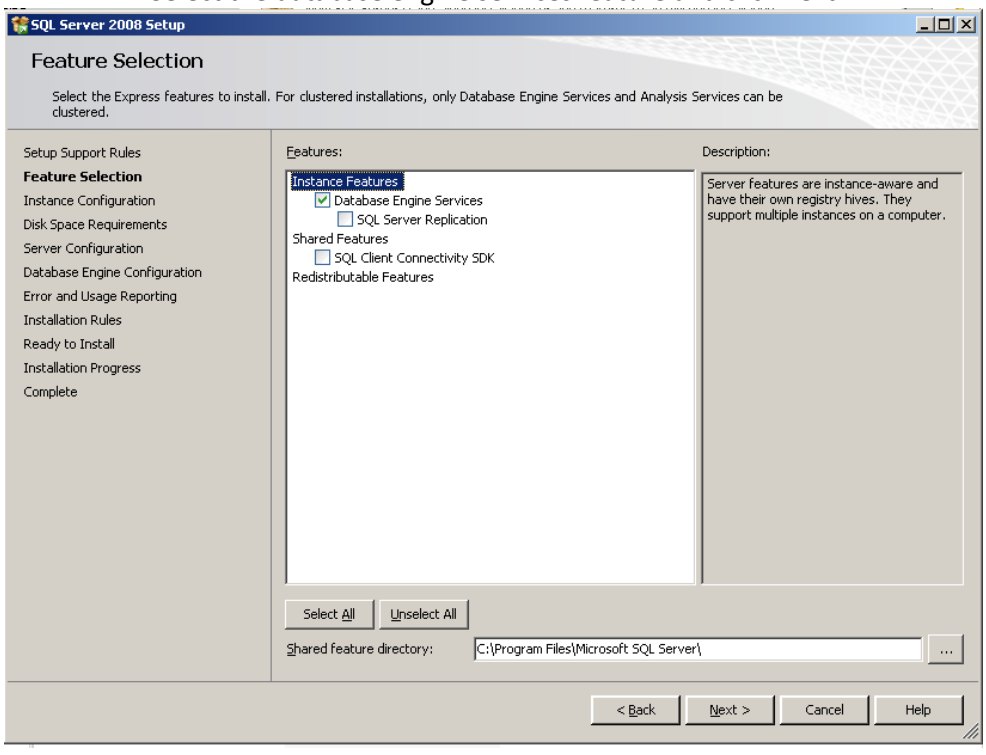
Tick to Accept the terms, then click next and then click install



Files will be installed and once complete click next


SQL Server 2008 Setup
Setup Support Rules
Setup Support Rules identify problems that might occur when you install SQL Server Setup support files. Failures must be corrected before Setup can continue.
Setup Support Rules
Feature Selection
Disk Space Requirements
Error and Usage Reporting
Installation Rules
Ready to Install
Installation Progress
Complete
Operation completed. Passed: 10. Failed 0. Warning 0. Skipped 1.
Show details >>
Re-run
View detailed report
< Back
Next >
Cancel
Help

Select the database engine services feature and click next

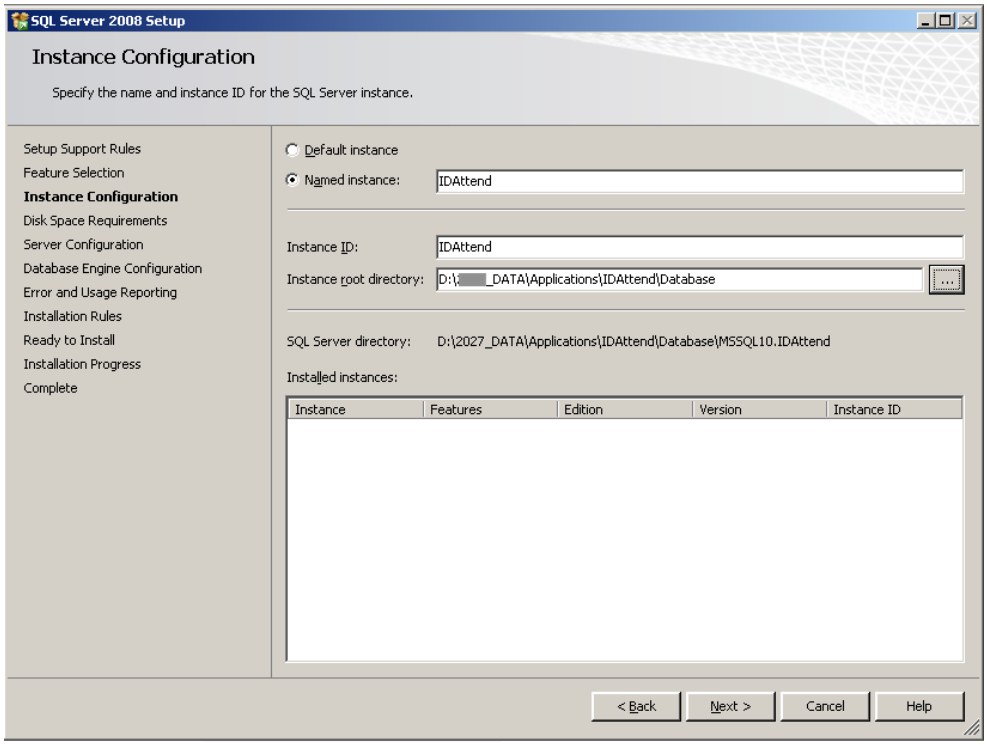


Choose named instance and call it “IDAttend”

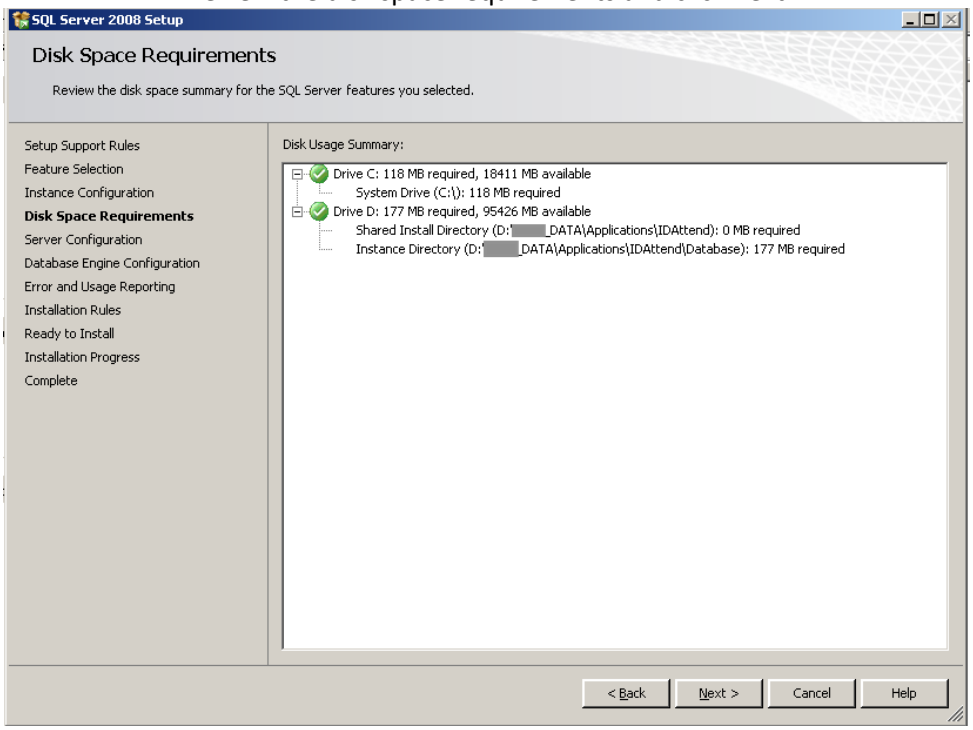
You can leave the default paths but the database will be installed on your C: drive which may not be ideal for backup purposes and if you have space limitations.

If you change the path to the database folder within the idattend folder folder you should make sure that the idattend folder is going to be backed up.

Click Next

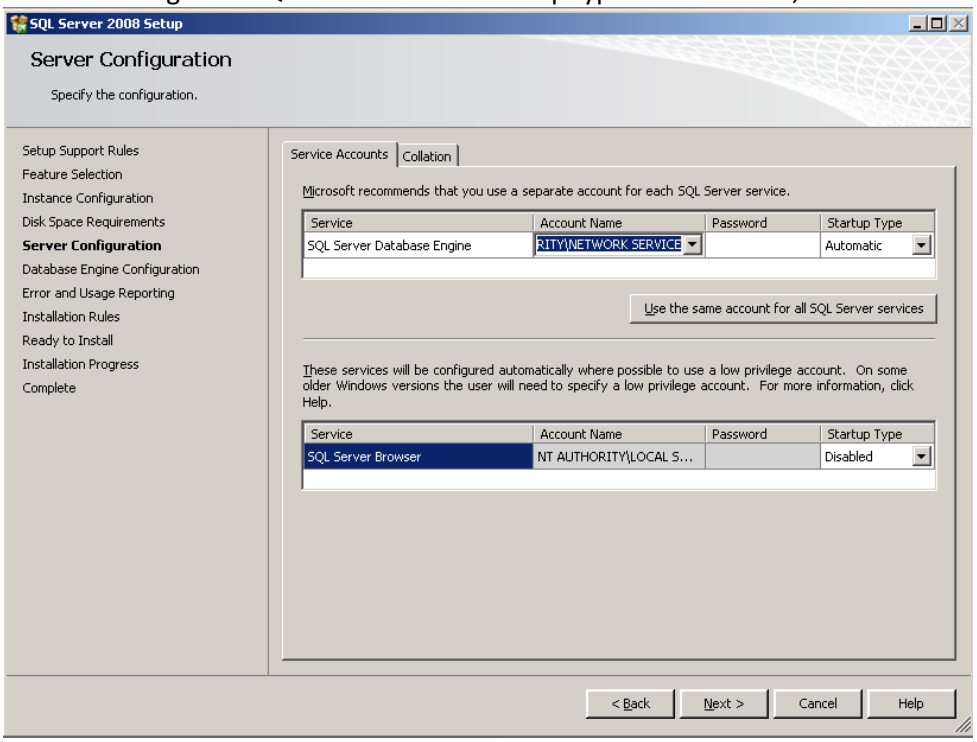


Review the disk space requirements and click next


SQL Server 2008 Setup
Disk Space Requirements
Review the disk space summary for the SQL Server features you selected.
Setup Support Rules
Feature Selection
Instance Configuration
Disk Space Requirements
Server Configuration
Database Engine Configuration
Error and Usage Reporting
Installation Rules
Ready to Install
Installation Progress
Complete
Disk Usage Summary:
Drive C: 118 MB required, 18411 MB available
System Drive (C:\): 118 MB required
Drive D: 177 MB required, 95426 MB available
Shared Install Directory (D: _DATA\Applications\IDAttend): 0 MB required
Instance Directory (D: _DATA\Applications\IDAttend\Database): 177 MB required
< Back
Next >
Cancel
Help

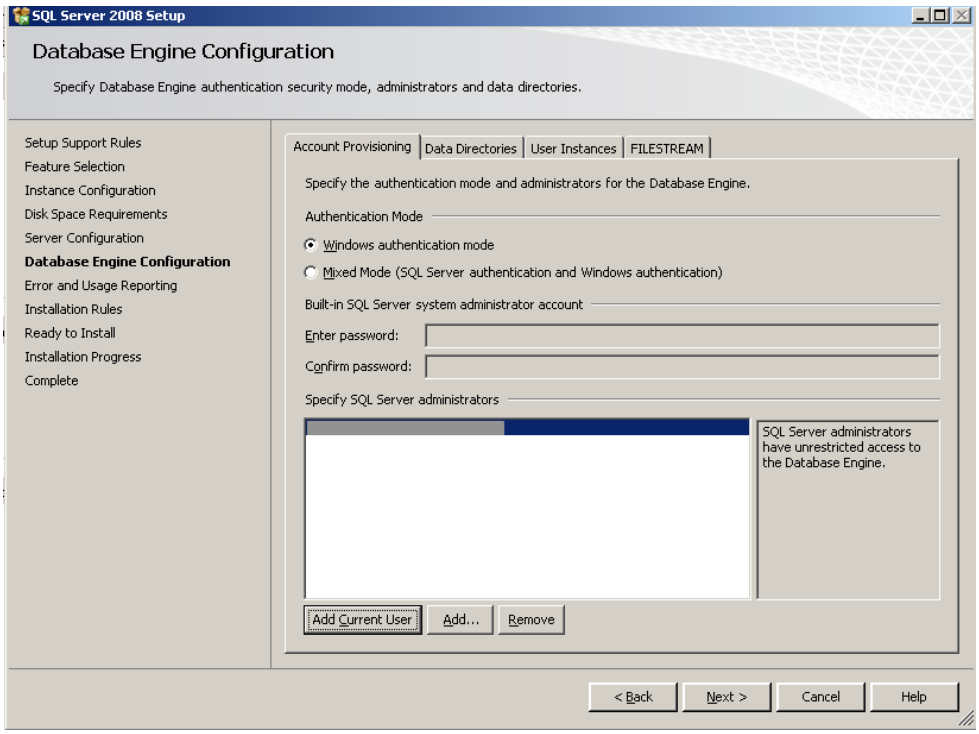
Set the the account name to **Local System (Not Network Service)**

And change the SQLserver Browser startup type to automatic , click next



Set authentication to “windows authentication mode”

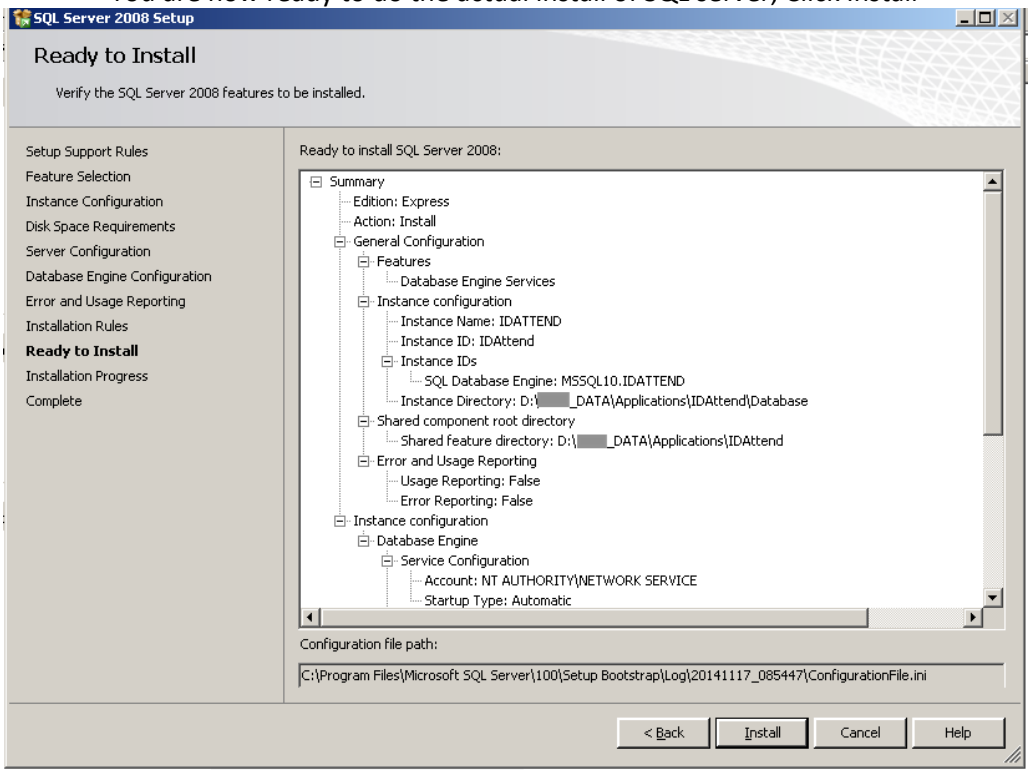
Click “Add Current User” Click Next



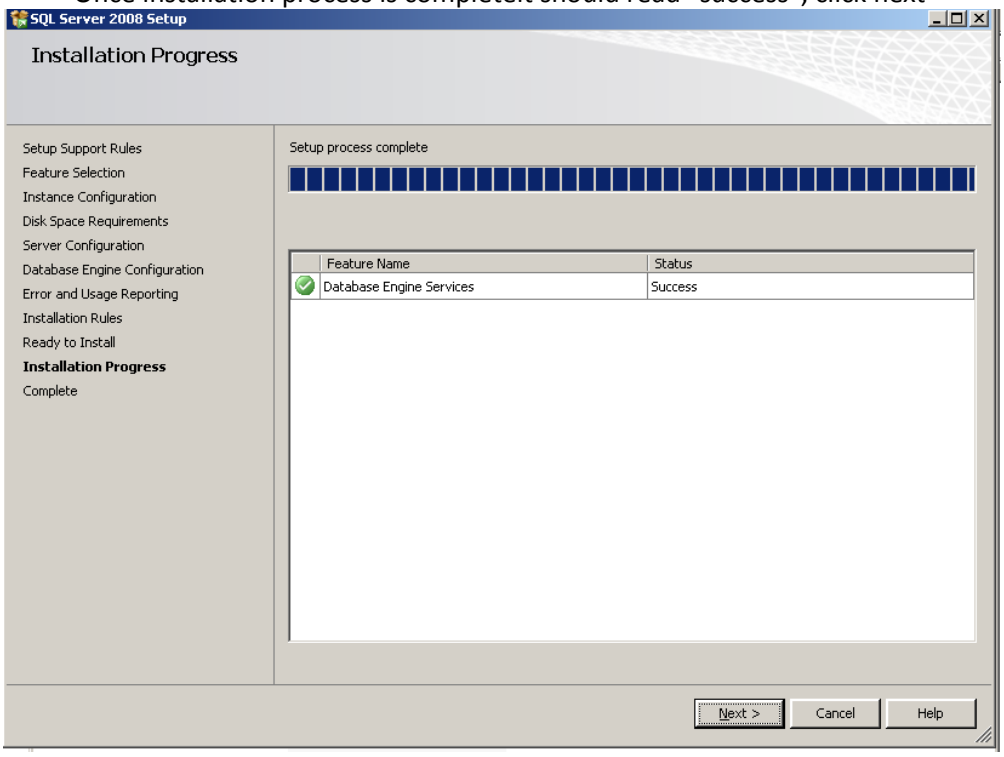
On the Error and Usage report screen click next

On the installation Rules Screen click Next

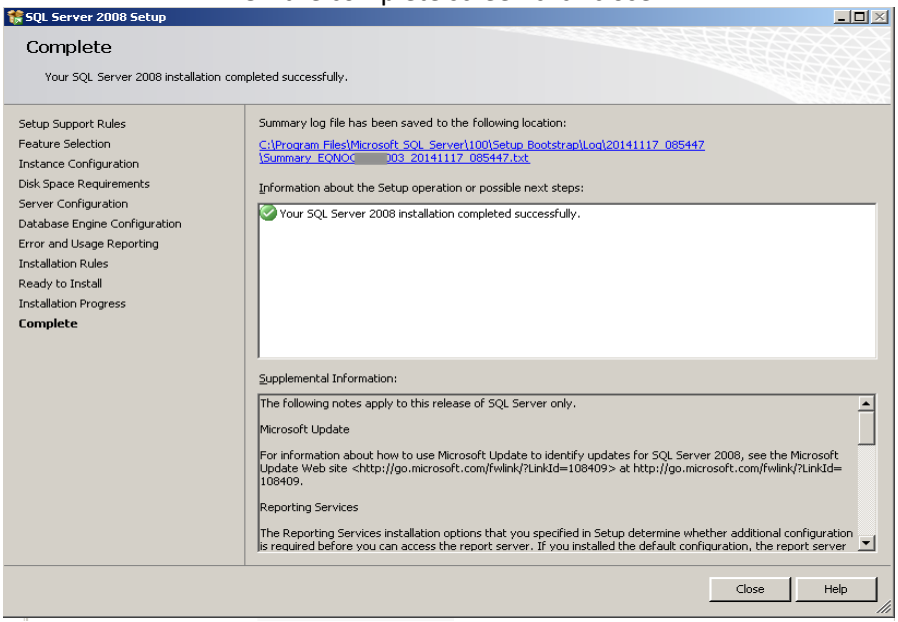
You are now ready to do the actual install of SQL server, Click Install



Once installation process is completeit should read “success”, click next



On the complete screen click close


SQL Server 2008 Setup
Complete
Your SQL Server 2008 installation completed successfully.
Setup Support Rules
Feature Selection
Instance Configuration
Disk Space Requirements
Server Configuration
Database Engine Configuration
Error and Usage Reporting
Installation Rules
Ready to Install
Installation Progress
Complete
Summary log file has been saved to the following location:
C:\Program Files\Microsoft SQL Server\100\Setup Bootstrap\Log\20141117_085447\Summary_EQNOC[redacted]003_20141117_085447.txt
Information about the Setup operation or possible next steps:
Your SQL Server 2008 installation completed successfully.
Supplemental Information:
The following notes apply to this release of SQL Server only.
Microsoft Update
For information about how to use Microsoft Update to identify updates for SQL Server 2008, see the Microsoft Update Web site <http://go.microsoft.com/fwlink/?LinkId=108409> at http://go.microsoft.com/fwlink/?LinkId=108409.
Reporting Services
The Reporting Services installation options that you specified in Setup determine whether additional configuration is required before you can access the report server. If you installed the default configuration, the report server
Close
Help

Configure SQL server

Go to Start Menu/All programs/ Microsoft sql server 2008/configuration tools/SQL Server Configuration Manager.

This screen will display all instances of SQL Server. You need to select the IDAttend Instance

(as setup previously) if there is more than one displayed.

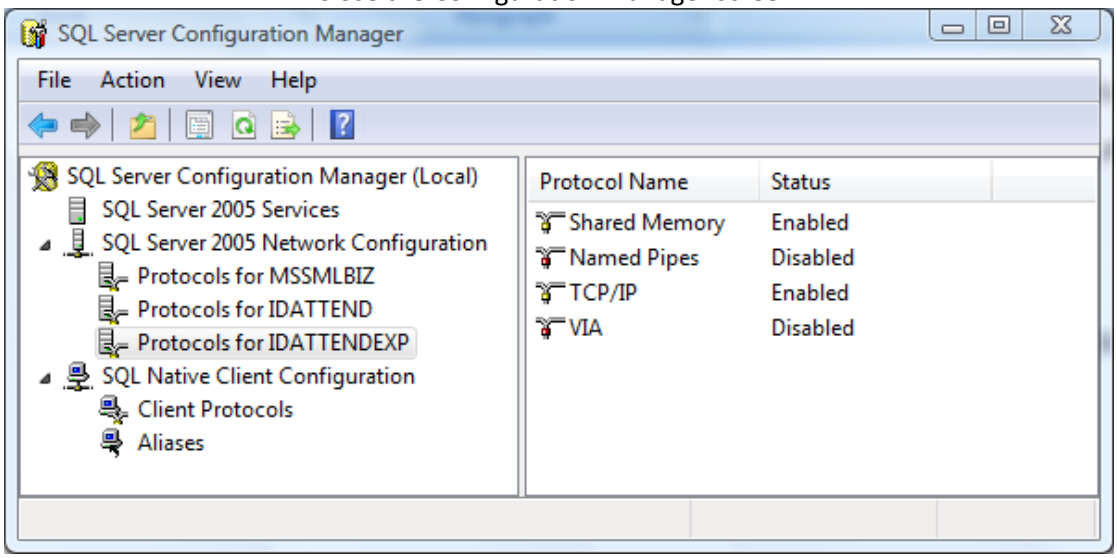
By default SQL Server Express does not install any remote connection protocols.

You must click on the TCP/IP option and enable it.

also enable the **Named Pipes** option (Named Pipes is not required in QLD MOE schools).

You may get a warning that the SQL Server service needs to be restarted. Ignore this at this stage.

Close the Configuration Manager screen.



IDAttend SQL Server 2008 Management Studio Setup

To install SQL Server 2008 Management Studio Express you must be logged onto the server where SQL Server is to be installed with full administrator rights. In QLD schools this will be an Orange Card login on the Member Server (normally). If installing on a DC in a QLD school the MOE Sys Tech will need to be logged in.

Please follow these instructions exactly. You may not get a second chance...

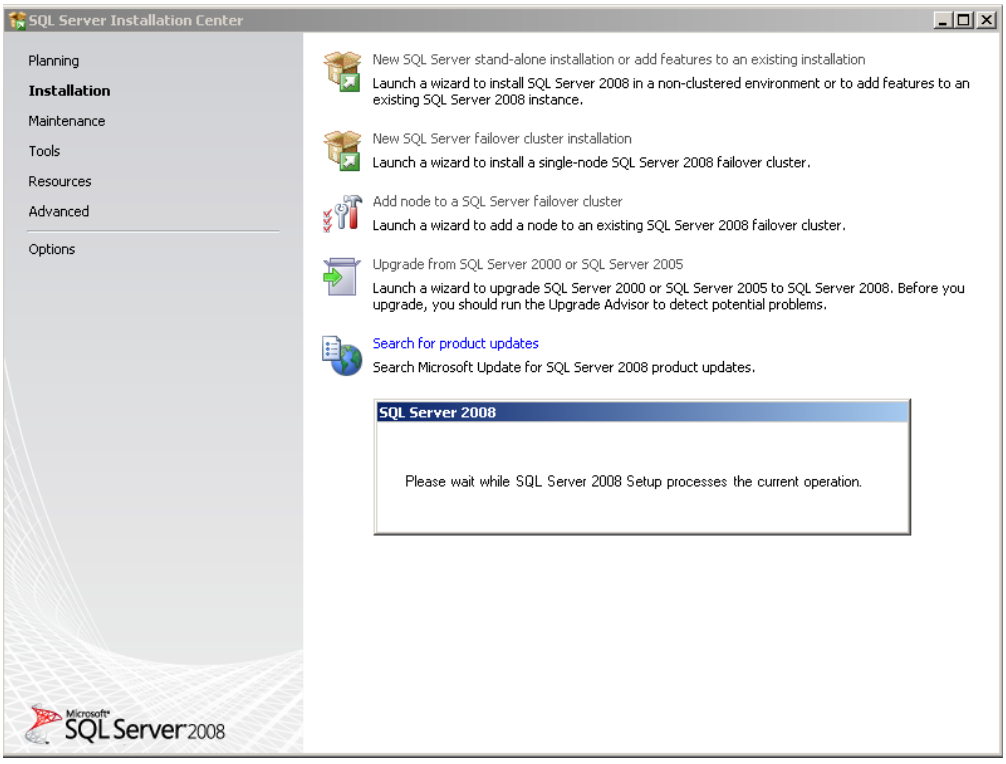
Run either SQLManagementStudio_x64_ENU or SQLManagementStudio_x86_ENU relevant for your server type from the SQL SERVER 2008 EXPRESS folder on IDAttend CD or the IDAttend folder on the server.

Once the install program is launched it will extract files needed for installation.

Note: The installer may disappear for up to a minute at serveral stages during the install.

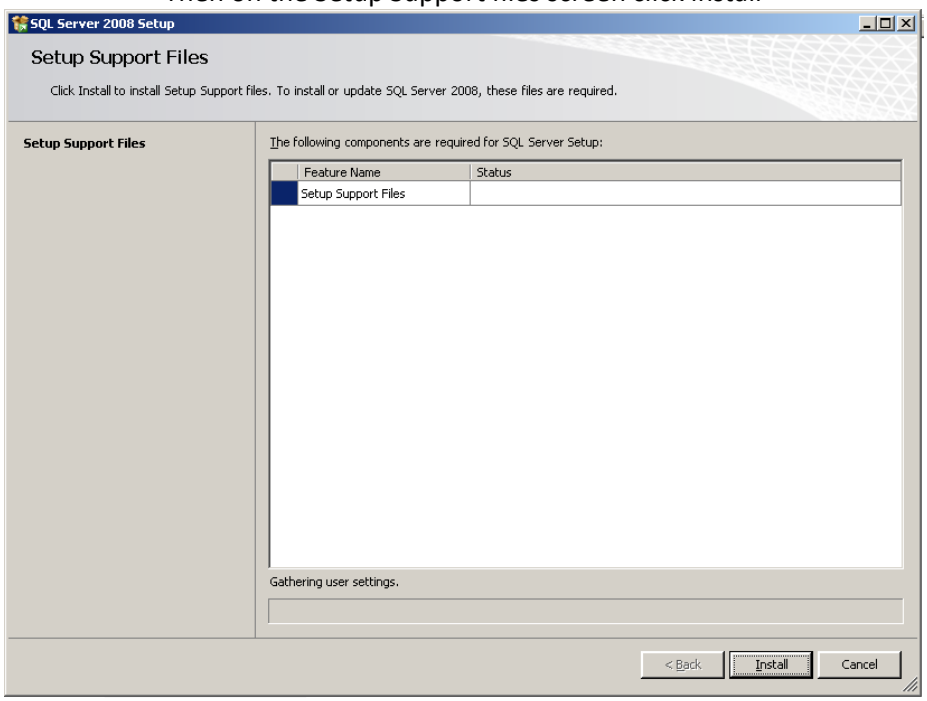
On the installation center screen choose “Installation” from left hand menu

Then choose new SQL server stand alone Installation and wait for files to be extracted

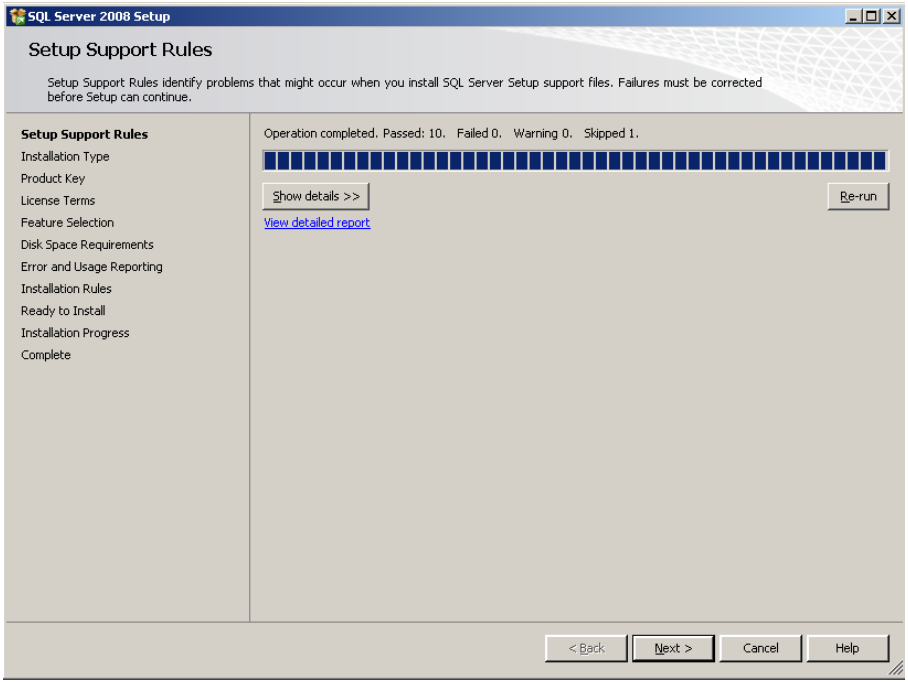

SQL Server Installation Center
Planning
Installation
Maintenance
Tools
Resources
Advanced
Options
New SQL Server stand-alone installation or add features to an existing installation
Launch a wizard to install SQL Server 2008 in a non-clustered environment or to add features to an existing SQL Server 2008 instance.
New SQL Server failover cluster installation
Launch a wizard to install a single-node SQL Server 2008 failover cluster.
Add node to a SQL Server failover cluster
Launch a wizard to add a node to an existing SQL Server 2008 failover cluster.
Upgrade from SQL Server 2000 or SQL Server 2005
Launch a wizard to upgrade SQL Server 2000 or SQL Server 2005 to SQL Server 2008. Before you upgrade, you should run the Upgrade Advisor to detect potential problems.
Search for product updates
Search Microsoft Update for SQL Server 2008 product updates.
SQL Server 2008
Please wait while SQL Server 2008 Setup processes the current operation.
Microsoft SQL Server 2008

On the Setup Support rules screen click ok

Then on the Setup Support files screen click install


SQL Server 2008 Setup
Setup Support Files
Click Install to install Setup Support files. To install or update SQL Server 2008, these files are required.
Setup Support Files
The following components are required for SQL Server Setup:
Feature Name
Status
Setup Support Files
Gathering user settings.
< Back
Install
Cancel

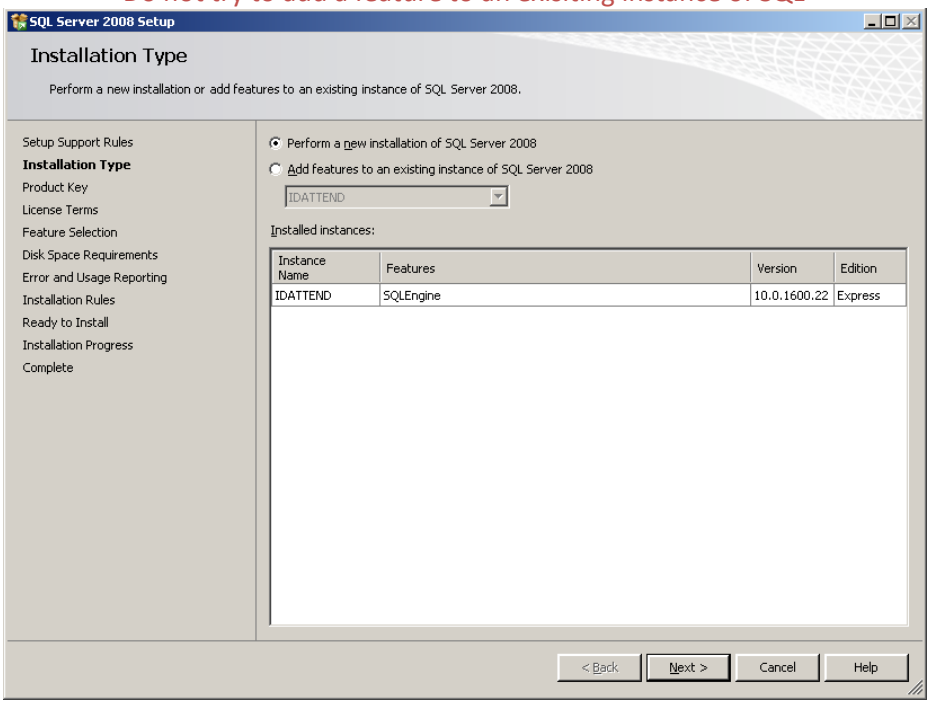
After some progress it will display the Setup Support rules page, click next



Important : On the Installation Type screen Choose

“Perform a new installation of SQL Server 2008”

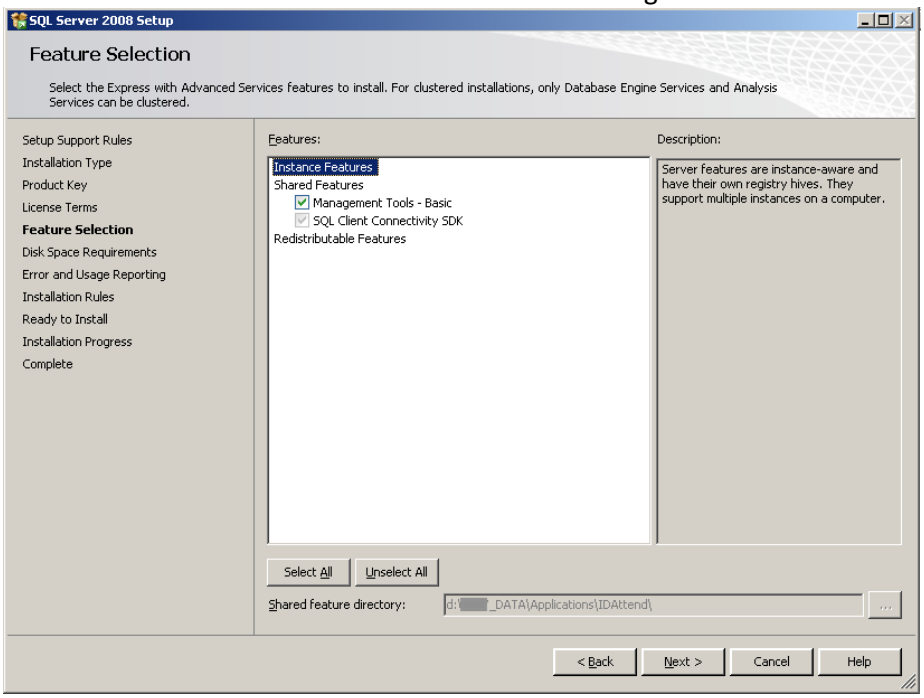
Do not try to add a feature to an exisiting instance of SQL



Click Next on the product key screen.

Tick to accept the terms on the License terms screen.

Then on the feature selection screen choose “Managment Tools – Basic”



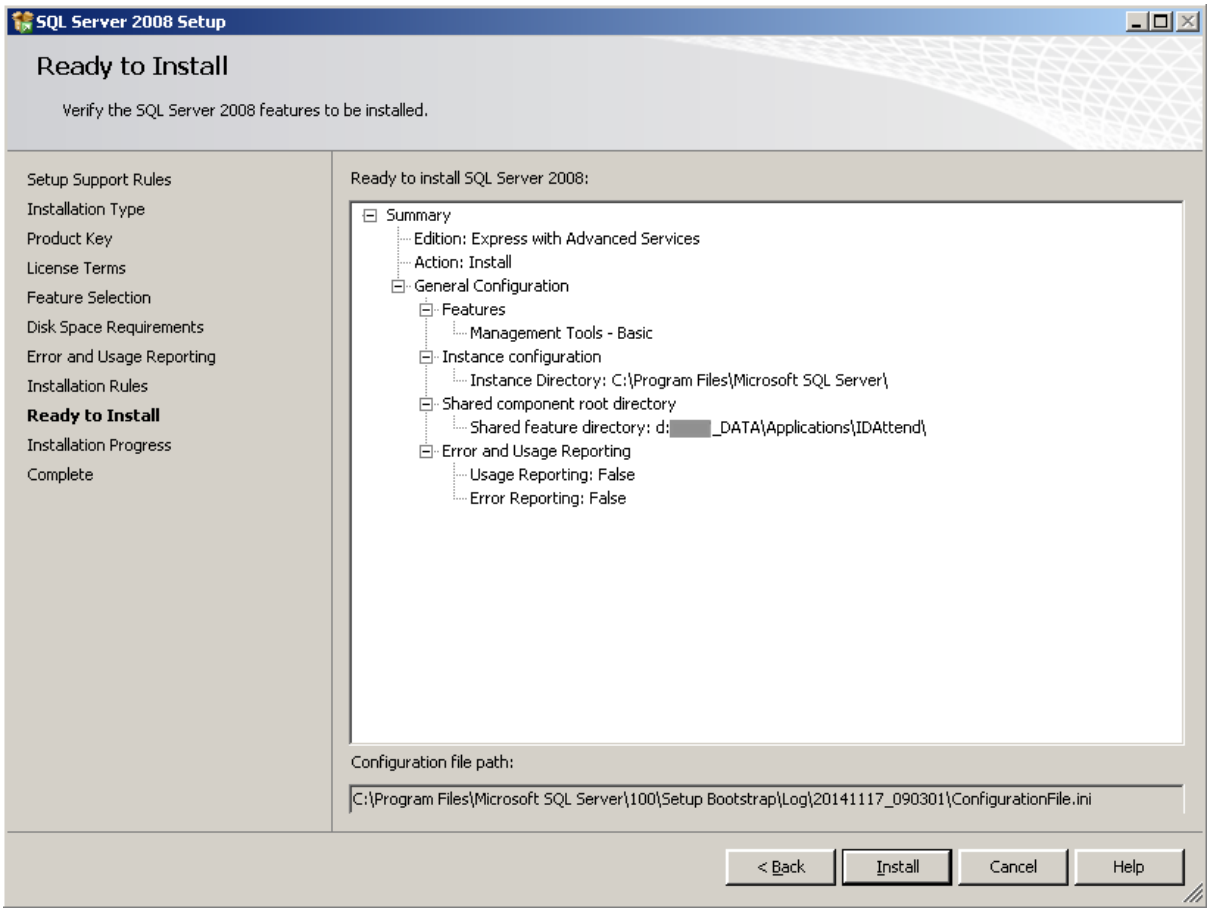
Check the disk space requirments and click next,

On the error and Usage Reporting screen click next

And on the Installation Rules screen click next

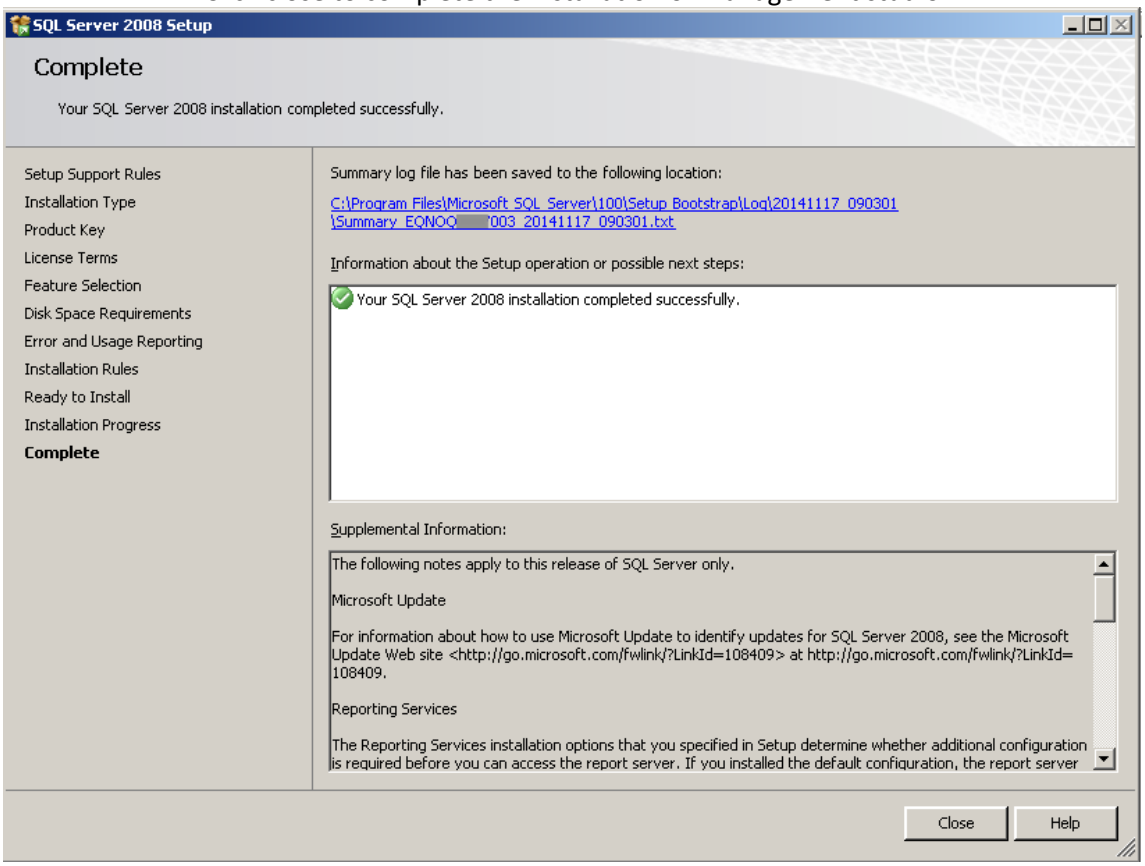
You are now ready to install Management studio

Click Install



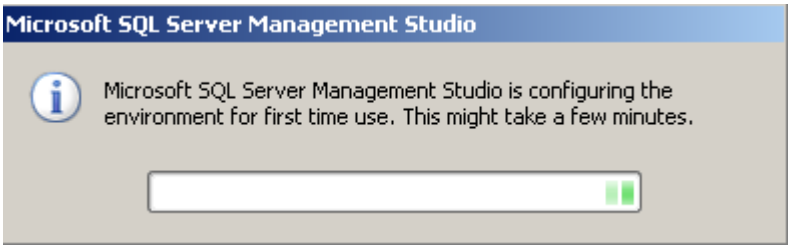
After Installtion the Installtion progress screen should state Setup process complete, click next

Click close to complete the installation of management studio


SQL Server 2008 Setup
Complete
Your SQL Server 2008 installation completed successfully.
Setup Support Rules
Installation Type
Product Key
License Terms
Feature Selection
Disk Space Requirements
Error and Usage Reporting
Installation Rules
Ready to Install
Installation Progress
Complete
Summary log file has been saved to the following location:
C:\Program Files\Microsoft SQL Server\100\Setup Bootstrap\Log\20141117_090301
\Summary_EQNOQ 003_20141117_090301.txt
Information about the Setup operation or possible next steps:
Your SQL Server 2008 installation completed successfully.
Supplemental Information:
The following notes apply to this release of SQL Server only.
Microsoft Update
For information about how to use Microsoft Update to identify updates for SQL Server 2008, see the Microsoft Update Web site <http://go.microsoft.com/fwlink/?LinkId=108409> at http://go.microsoft.com/fwlink/?LinkId=108409.
Reporting Services
The Reporting Services installation options that you specified in Setup determine whether additional configuration is required before you can access the report server. If you installed the default configuration, the report server
Close
Help

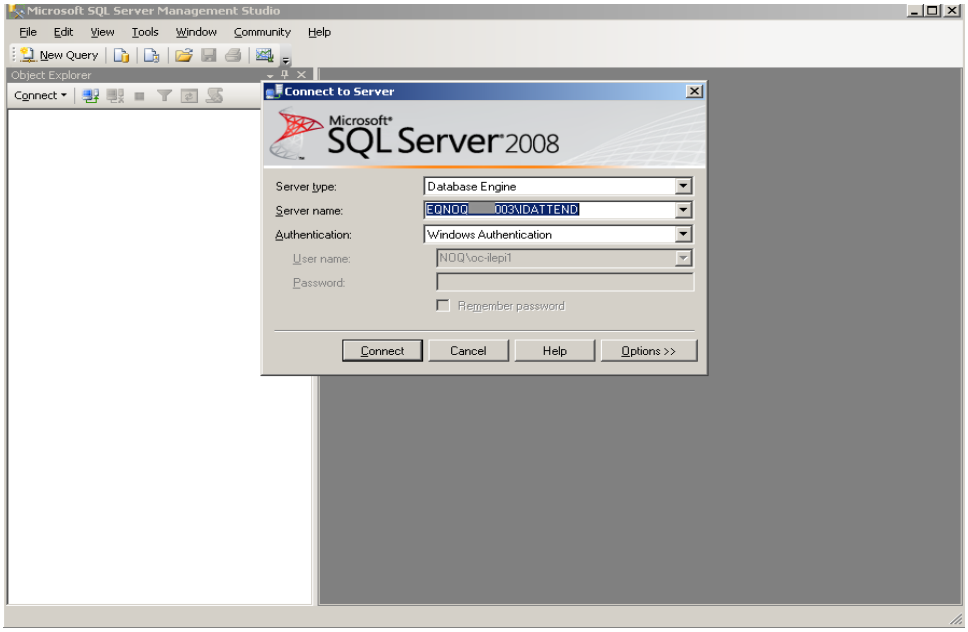
Configuring Management studio

Start SQL Management from Start menu/All Programs/ Microsoft SQL Server 2008/ SQL Server Management Studio


Microsoft SQL Server Management Studio
Microsoft SQL Server Management Studio is configuring the environment for first time use. This might take a few minutes.

Normally the IDAttend Instance will be displayed for the Server Name.

Click **Connect**

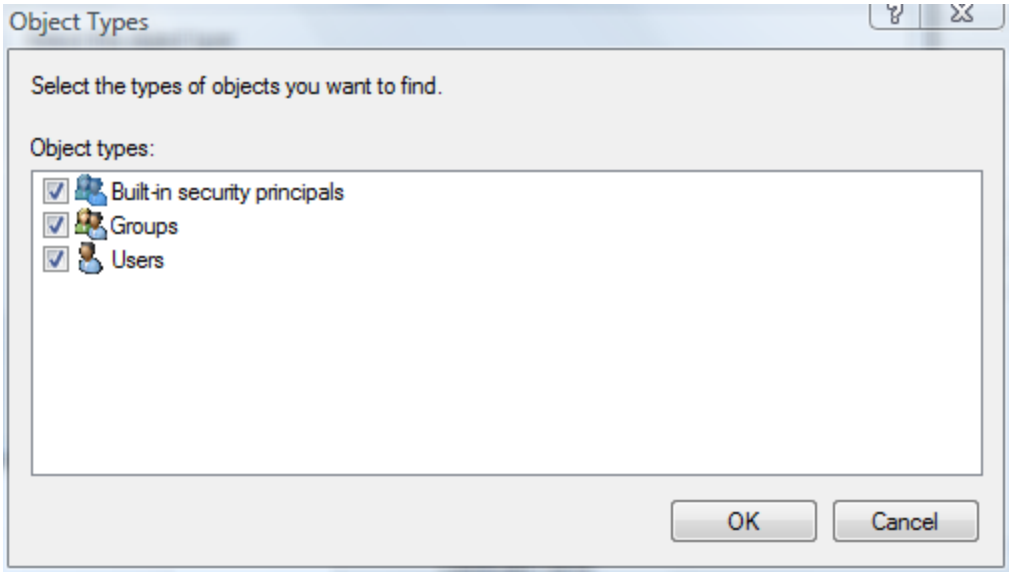


When the screen loads expand the + next to **Security ,** Select **Logins**.

Under the Logins option right click and select **New Login**

Click the **Search** button , Click the **Objects Type** button

Ensure **Groups** is ticked.



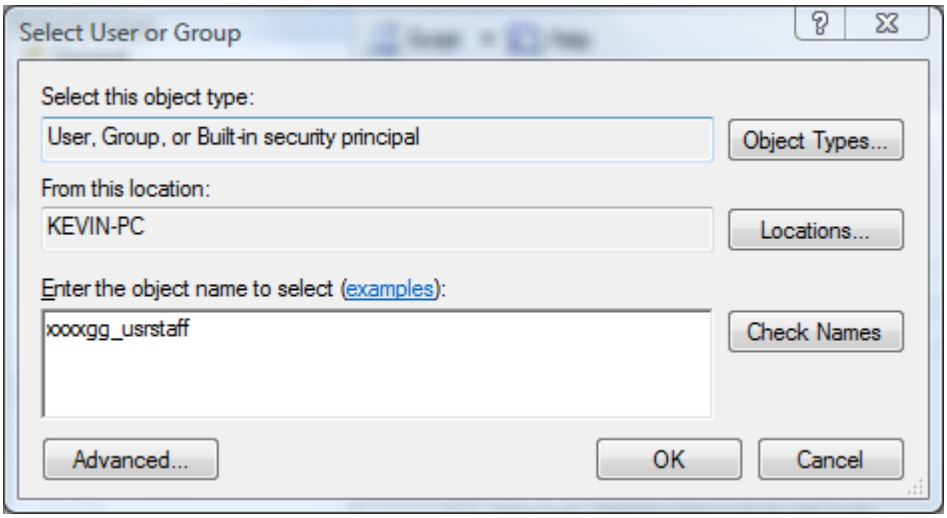
Click **OK**.

Click the **Locations** button

Ensure **Entire Network** is selected.

Click **OK**

Enter xxxxgg_usrstaff and click OK. (xxxx is the school number). Check Names may also be clicked



The xxxxgg_usrstaff group should now have an IDAttend login in SQL Server.

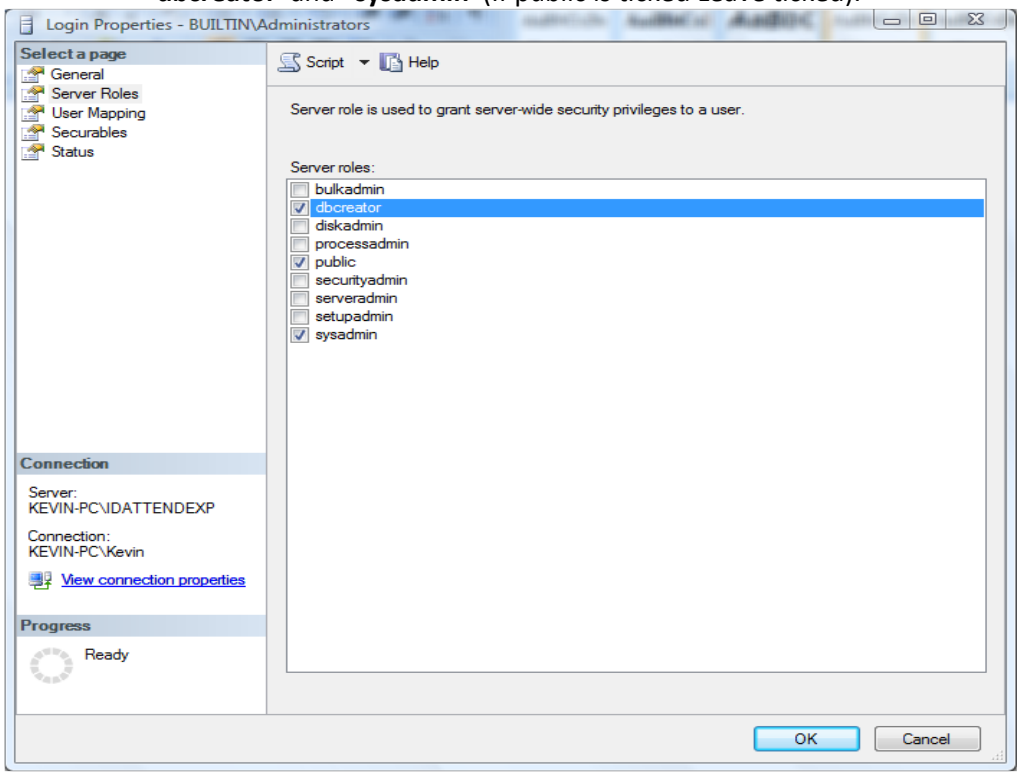
The following needs to be done for all logins (including gg_usrstaff)

Except for NT AUTHORITY\SYSTEM and SA

Select the login , Right click and select properties.

When the screen displays select the **Server Rolls** option and ensure the following are ticked

dbcreator and **sysadmin** (If public is ticked Leave ticked).



Click **OK**.

Next select the **User Mapping** option.

The database **Master** must be ticked.

The following options in the database role membership section **must** be ticked.

db_datareader **db_datawriter** **db_owner**

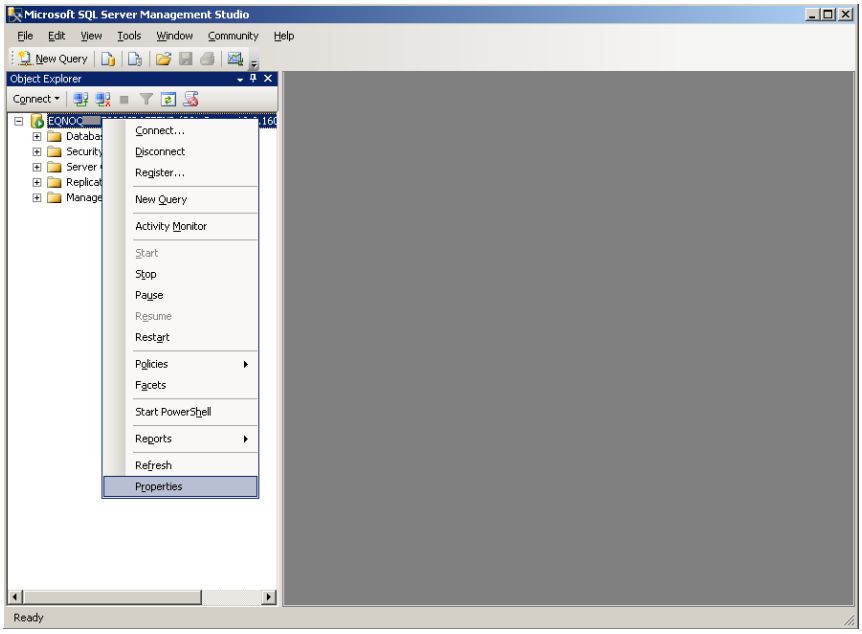
Click **OK** button.

Repeat all steps above for

BUILTIN\Users and for any other logins listed except NT AUTHORITY\SYSTEM and SA

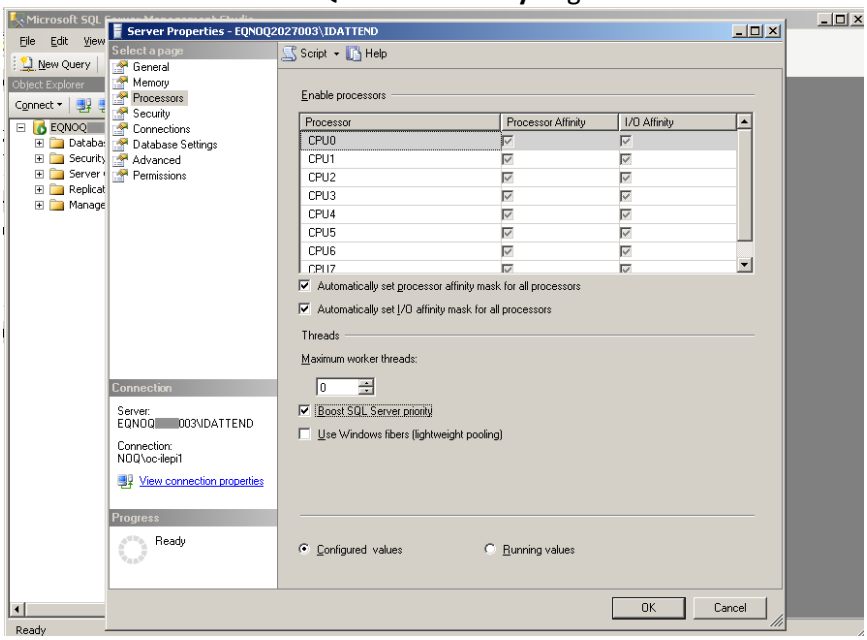
Right click on the SQL Server Instance in the Object Explorer (at the left of screen).

Select **Properties**



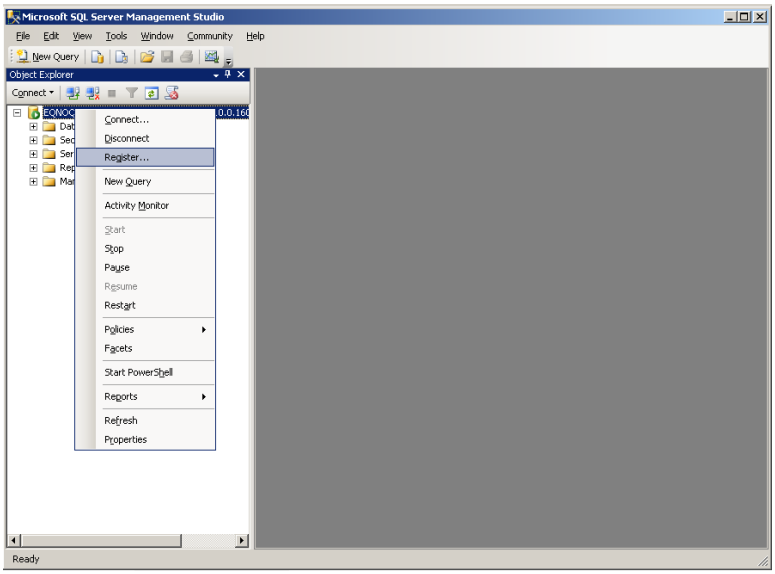
Click on Processors in Select A page section.

Tick **Boost SQL Server Priority** flag. Click **OK**



Right click on the SQL Server Instance in the Object Explorer (at the left of screen).

Select **Register**



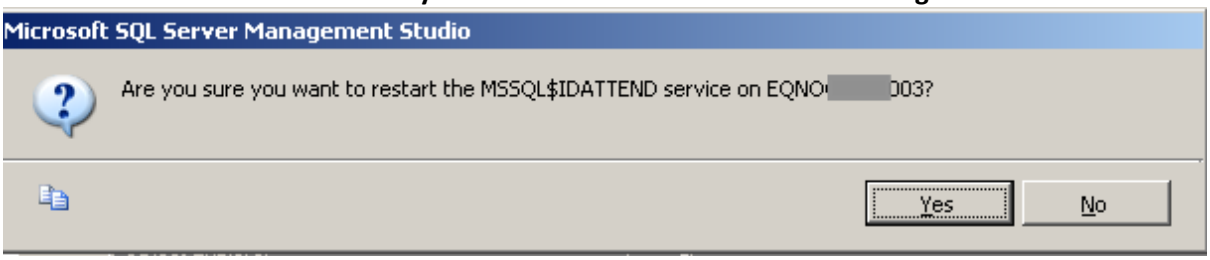
There is no need to make any changes to the defaults.

Click **Save** button.

Right click on the SQL Server Instance in the Object Explorer (at the left of screen).

Select **Restart**

NOTE: It may take a minute to show the restart dialog



Click **Yes** on the confirmation screen.

This option is only restarting the SQL Server service not the server itself.

Close the **SQL Server management Studio** window.

SQL Server should now be setup for use with IDAttend.

Attaching existing IDAttend database/s to the newly installed SQL Server backend.

If moving from one server to another then first Stop the SQL Server service on the old server.

Copy the two files IDAttendxxxx.mdf and IDAttendxxxx_log.ldf from the C:\Program Files\Microsoft SQL Server\MSSQL.1\MSSQL\Data (should be that folder, if not do a search for them).

In IDAttend under Tools/Data Locations the existing location on the server of the current database is shown in blue.

Paste the files into the same folder on the new server.

In SQL Server Management Studio Express right click on the Databases tree and select Attach.

The IDAttendxxxx database should show up. Select it and Save.
Repeat for any other year's databases that are not attached.

If the server name has changed you will need to change it in IDAttend.ini in the IDAttend\System folder.

[ServerDB]
Server=MYSERVER\IDATTEND

Note: If there are databases from previous years then also move those and attach them as above.

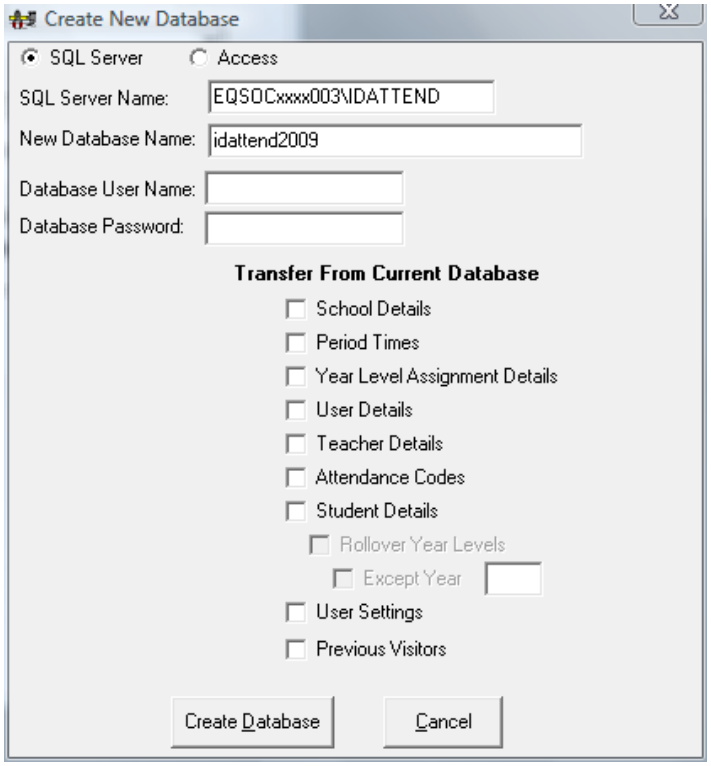
Setting up IDAttend to use SQL Server if not already done

Run IDAttend (assuming the IDAttend runtime has been installed). Log in with the user name/password of admin/mxx6re

Create a new database, if required, or log into the previously created IDAttend SQL database. If there are no errors and IDAttend loads normally the SQL Server setup is correct.

If creating

To create a new database in IDAttend go to Tools/Create New Database option.



Enter the <server name>\<SQL server instance name> in the **SQL Server Name** field

Enter the **Database Name** to be used for the new database (no spaces are allowed in this name). Refer above screen shot.

Unless SQL Server Authentication is required to log into the IDAttend database the Database User Name and Database Password fields should be left blank.

Click the **Create Database** button.

Next change the **Tools/Database Locations** to the SQL Server/Database just created and Click OK. Log into the new database using the Admin password and setup IDAttend as described in the System Setup section of the IDAttend User Manual.

Import the students and timetable as described in these sections.

If anyone has any issue or questions with the installation please call me

Kevin Beckwith

IDAttend Pty Ltd

M: 0409009943

E: kevin@idattend.com.au